रजिस्ट्री सं० डी-(डी एन)--128/89 REGISTERED NO. D-(D—N)-128/89

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 9] नई दिल्ली, शनिवार, मार्च 4, 1989 (फाल्गुन 13, 1910)
No. 9] NEW DELHI, SATURDAY, MARCH 4, 1989 (PHALGUNA 13, 1910)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs)

THE PATENT OFFICE

PATENTS AND DESIGNS

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Calcutta, the 4th March 1989

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The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Patent Office (Head Office),
"NIZAM PALACE",2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 0020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the appropriate office is situated.

CORRIGENDUM

1. In the Gazette of India, Part III, Section 2 dated 17th December, 1988 under the Heading 'Complete Specification Accepted' on pages 1321 to 1325.

(i) In respect Patent No. 163971 (283/BOM/1985) in claim Bracket of SUCH AS HEREINBEFORE DESCRIBED removed.

(ii) In respect of Patent No. 163972 (348/BOM/1985) Indian classification read as 95K.

(iii) In respect of Patent No. 163974 (369/BOM/1985) Indian classification read as 36A2 and in claim, from line 7 following description removed which is printed double. "ALSO CONSTITUTE THE SHREDDING MEANS AND THE STATIONARY MEMBER".

(iv) In respect of Patent No. 163978 (206/BOM/1985) Indian classification read as 127I.

(v) In respect of Patent No. 163980 (339/BOM/1987) Total pages of complete specification is 17 pages and not 10 pages.

2. In the Gazette of India, Part III, Section 2 dated 31st December, 1988 under the heading "Applications for Patents filed at Patent Office Branch, Bombay-400 013 on page 1352.

(i) In respect of Patent Application No. 304/BOM/1988 in the name of applicant for BATTATREYA read DATTATREYA.

(ii) In respect of Patent Application No. 305/BOM/1988 Name of applicants read as (1) MOHANLAL PURSHOTTAMDAS TANK (2) MAGANLAL PURSHOTTAMDAS TANK.

(iii) In respect of Patent Application No. 308/BOM/1988 Title read as —AN IMPROVED APPARATUS FOR COOLING COMPUTERS.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act 1970.

The 25th January 1989

79/Cal/89. Hitachi Construction Machinery Co. Ltd. Control system for load-sensing hydraulic drive circuit.

80/Cal/89. N-Viro Energy Systems Ltd. Method of treating wastewater sludge. (Convention dated 26th February, 1988) Australia.

81/Cal/89. United Catalysts Inc. High temperature shift catalyst.

82/Cal/89. Ecolab, Inc. Process and apparatus for recovery and recyling conveyor lubricants.

The 27th January 1989

83/Cal/89. Hari Pada Das. A tight fixing device for screws in walls.

84/Cal/89. Argyle Diamond Sales Limited. Method of and apparatus for sorting and/or confirming the identity of gems. (Convention date 29th January 1989).

85/Cal/89. Donetsky Politekhnichesky Institut USSR. Device for monitoring opperability of brake system of hoisting installation.

86/Cal/89. E. I. Du Pont De Nemours and Company. Stabilized azeotrope or azeotrope-like composition.

87/Cal/89. Ethicon Inc. Staple positioning tab.

88/Cal/89. Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. A rail pulling and shifting unit for longitudinally shifting rails of laid tracks.

89/Cal/89. Klockner CRA Patent GmbH. A process of and an apparatus for post combustion. (Convention dates are 12-02-88, 12-02-88 and 29-07-1988) all are Australia.

The 30th January 1989

90/Cal/89. Amol Ghosh and Swapan Kumar Sen. A novel laminate from water hyacinth (echroniacrassipus) and like plants.

91/Cal/89. Siemens Aktiengesellschaft. A metal article, more particularly a gas turbine blade, having a protective coating.

92/Cal/89. E. I. Du Pont De Nemours and Company. Stabilized azeotrope or azeotrope-like composition of 1, 1, 2-trichloro-1, 2, 2-trifluoroethane, methanol and 1, 2-lichloroethylene.

93/Cal/89. JGC Corporation. Method of producing ethylene from ethanol and apparatus.

94/Cal/89. Seck Wing Chee. A cutter blade assembly for a rotary cutting machine and a rotary cutting machine incorporating the same. (Convention dates are 11th June, 1985 and 3rd July, 1985) both are U. K. [Divisional dated 14th January, 1986].

The 31st January 1989

95/Cal/89. Fraunhofer-Gesellschaft Zur Forderung Der Angewandten Forscrung E. V. Process and apparatus for producing propellant charge granular material.

96/Cal/89. Krupp Koppers Gmbh. Process and equipment for cooling a hot product gas containing tacky or molten particles.

97/Cal/89. Klupp Koppers Gmbh. Equipment for gasifying fine-grained to dusty fuels.

98/Cal/89. China Petrochemical Corporation and Research Institute of beijing yanshan petrochemical Corporation. High efficiency silver catalysts for the production of ethylene oxide via ethylene oxidation.

99/Cal/89. Drew Chemical Corporation. A test conduit apparatus for heating a fluid. [Divisional dated 26-12-1986].

100/Cal/89. Johannes Gerhardus Christianus Geerts. Overhead Conveyor. (30th August 1988).

101/Cal/89. Etablissement Public De l'etat Dit : Office National D'Etudes Et De Reherches Aerospatials and Aerospatiale Societe Nationale Industrielle, S.A. Sections for shrouded propeller blade.

102/Cal/89. Metallurgical & Engineering Consultants (India) Limited. Vertical type primary gas cober for coke oven gas. [Divisional dated 20-6-1986].

The 1st February 1989

103/Cal/89. Air Products and Chemicals, Inc. Method and apparatus for freezing products. (1st Feb 1988).

104/Cal/89. Institut Merieux. Process for the large scale production of rabies vaccine.

105/Cal/89. Institut Merieux. Process for the large-scale production of a vaccine against poliomyelitis and the resulting vaccine.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-5

The 2nd January 1989

1/Del/89. Polymer Papers Ltd., "Filter Paper".

2/Del/89. Polymer Papers Ltd., "Filter Paper".

3/Del/89. Suresh Kumar Chawla, "A Seat".

4/Del/89. Gomelsky Politekhnichesky Institut, "Method of producing metal filament and apparatus materilizing same".

5/Del/89. Colgate Palmolive Co., "Built synthetic organic detergent composition ex.rudate in particulate and patty forms, and processes for manufacture and uses thereof".

The 3rd January 1989

6/Del/89. Council of Scientific & Industrial Research, An improved process for the preparation of 1-substituted amino-1-substituted thio-2-nitro alkenes".

7/Del/89. Council of Scientific & Industrial Research, "A novel process for conversion of microporous aluminophosphates to crystalline silicoaluminophosphate catalysts".

8/Del/89. Middelburg Steel & Alloys (Proprietary) Ltd., "Sulphur and silicon control in feurochromium production".

9/Del/89. The Goodyear Tire & Rubber Co., "Tire treads and tires".

10/Del/89. Aerospatiale Societe Nationale Industrielle, "Method and tooling for manufacturing die forced rivets and the rivot obtained".

11/Del/89. General Signal Corporation, "Calorimetry system".

The 4th January 1989

12/Del/89. Union Carbide Corporation, "Pressure swing absorption process".

[Divisional date 21st March, 1986].

The 5th January 1989

13/Del/89. Prabhat Kumar, "A cooking vessel attachment".

14/Del/89. Genicom Corporation, "High symbol density printer cartridge".

The 6th January 1989

15/Del/89. Fuller Company, "Roller mill for comminuting solid materials".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, IIIRD FLOOR, SUNMILL COMPOUND, LOWER PAREL(W), BOMBAY-13.

The 16th January 1989

17/Bom/89. Larsen & Tourbro Limited. A magnetic device to measure the velocity of a moving component.

The 18th January 1989

18/Bom/89. Tushar Girishchandra Desai. An invention for multipurpose flour mill.

19/Bom/89. Storopack Hans Reichenecker GmbH+Co. Damping or cushion body for use in shoes and methods of producing thereof.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

The 16th January 1989

31/Mas/89. Jenkin Angelo Richard. An electromagnetic interference filter.

32/Mas/89. Chevron Research Company. Composition and method for removal of hydrogen sulfide.

33/Mas/89. WED Elektrotechnik GmbH. A sunlight collector.

The 17th January 1989

34/Mas/89. Henkel Kommanditgesellschaft auf Aktien. The use of selected co-pol types of acrylic and/or methacrylic acid esters as flow improvers in paraffin-rich mineral oils and mineral oil fractions (II).

35/Mas/89. Henkel Kommanditgesellschaft auf Aktien. Use of selected copolymer types of acrylic and/or methacrylic acid esters as flow improvers in paraffin-rich mineral oils and mineral oil fractions (I).

36/Mas/89. Heinz George Baus. Connection Arrangement.

37/Mas/89. Multistack Pty. Ltd. Improvements in heating and cooling systems. (January 19, 1988; Australia).

38/Mas/89. K S Krishnasamy. Semla Making Machine.

The 18th January 1989

39/Mas/89. Monsanto Company. Moisture-crossinkable elastoplastic-compesitions and flexible crosslinked articles.

40/Mas/89. IMC Fertilizer, Inc. Extraction of iron from phosphoric acid.

41/Mas/89. CTB, INC. Paultry feeder assembly.

42/Mas/89. BASF Aktiengesellschaft. Stable mixture containing oxidation-sensitive compounds, preparation thereof and use of a combination of substances for stabilizing oxidation-sensitive compounds.

43/Mas/89. Hutchinson and Merip Oil Tools International. A method of isolating production zones in a well, and apparatus for implementing the method.

44/Mas/89. Henkel Kommanditgesellschaft auf Aktien. A process for increasing the density of spray-dried phosphate-reduced detergents.

The 19th January 1989

45/Mas/89. Allam Sudhakar Rao. A speaking device for the dumb & deaf.

46/Mas/89. Minnesota Mining and Manufacturing Company. Sheet material used to form portions of fasteners.

47/Mas/89. James Hardie Irrigation, Inc. Drip Emitter

48/Mas/89. LU, Fengsheng. All dry submersible motor pump with a concordant seal system.

The 20th January 1989

49/Mas/89. Asea Brown Boveri Ltd. Steam condenser.

50/Mas/89. Asea Brown Boveri Ltd. Heavy duty circuit breaker.

51//Mas/89. Asea Brown Boveri Ltd. Antenna selector.

52/Mas/89. Bard Limited and The Victoria University of Manchester. Catheter.

53/Mas/89. Compagnie Generale Des Etablissments Michelin-Michelin & CIE. Process and apparatus for heat-treating carbon steel wires to obtain a fine pearlitic structure.

OPPOSITION PROCEEDINGS

An opposition has been entered by Research, Design & Standard Organisation to the grant of a Patent on application No. 163120 made by Subhani Sayeed.

REFUSAL OF PATENT APPLICATION UNDER SECTION 15 OF THE PATENTS ACT, 1970

In pursuance of an order dated 22-12-1988 the Applica ion for Patent No. 686/Del/86 made by The Gillette Company has been refused under Section 15(2) of the Patents Act, 1970.

PATENTS SEALED

CALCUTTA

147617 162313 162361 162490 162551 162587 162619
162711 162719 162823 162829 162830 162867 162870
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161486 162357 162358 162526 162534 162576 162731
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BOMBAY

161097 162202 163038.

MADRAS

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NO. OF PATENTS SEALED MONTHWISE FROM 6TH JANUARY, 1989 TO 27TH JANUARY, 1989

JAN.	
INDIAN :	33
FOREIGN :	205
TOTAL :	238

RENEWAL FEES PAID

141482 142130 142348 143061 143181 143265 143334
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161947 161948 161961 161987 161989 162001 162065
162070 162110 162118 162517 162655 162656 162659
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CESSATION OF PATENTS

146630 146631 146634 146635 146636 146639 146645
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146805 146807 146810 146812 146813 146815 146816
146817 146821 146822 147321 150688 156287 159783
160431.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration except as provided for in Section 50 of the design included in the entry.

Class 1. No. 159975. Regulin Limited, a Company incorporated under the laws of the State of Victoria, Australia, of Level 12,222 Kingsway, South Melborne, Victoria 3205, Australia. "an Implant Gun". 22nd July, 1988.

Class 3. No. 159525. Rajesh Narang, Indian National, of 10th Floor, Mehta Mahal, 15, Mathew Road, Bombay-400 004, Maharashtra, India. "Container". 25th March, 1988.

Class 3. No. 159780. Purushottam Das Aswani (Indian National) trading under the name and style of Aswani P.V.C. & Rubber Industry, Industrial Estate, Warsinghpur (M.P.) India, all residents of Delhi. "Footwears". 8th June, 1988.

Class 3. Nos. 159865 & 159866. Purushottam Das Aswani (Indian National) trading under the name and style of Aswani P.V.C. & Rubber Industry, Industrial Estate, Narsinghpur (M.P.) India, all residents of Delhi. "Footwears". 21st June 1988.

Class 3. No. 159908. Samir Mukherjee, Sudhir Kumar Gupta, both of W-88, Greater Kailash Part-II, New Delhi-110048, India and both Indian Citizens. "Closure for bottle/container". 4th July, 1988.

Class 3. No. 159967. Kabushiki Kaisha Toshiba (Toshiba Corporation), a Corporation duly organised under the laws of Japan, of 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan. "Television Receiver". 19th July, 1988.

Class 3. No. 160004. Arun Jain, an Indian National, trading as Comute Electronics, IX/2084, Street No. 6, Kailash Nagar, Delhi-110, 031, India. "Toy Cars". 29th July, 1988.

Class 3. No. 160036. MRF Limited, 826 Anna Salai, Madras-600 002, Tamilnadu, India. "Automotive Tyre". 18th August, 1988.

Class 3. No. 160168. Ram Menon, an Indian Citizen, 31 Niharika, Ahmedabad-380 015, Gujarat, India. A display-cum-carry pack carton". 19th September, 1988.

Class 3. No. 160305. Rama Krishna Moulders, G-11, G.T. Karnal Road, Delhi-110033, India, is a Proprietorship concern. "Thermos". 24th October 1988.

Class 3. No. 160547. Arti Pratapsinh Asher (Indian National) of Queen's view, 28/30 Walkeshwar Road, Bombay-400 006, State of Maharashtra, India. "Soldering Iron". 14th December, 1988.

Class 3. Nos. 160563 to 160568. Munna Plastics, F-5, Shriram Palace, Teliwara, Delhi 110006, Union Territory of Delhi, India. "Toy Pistol". 19th December, 1988.

Class 3. Nos. 160569 & 160570. Universal Toys, 6417, Quresh Nagar, Sadar Bazar, Delhi-110006, Union Territory of Delhi, India. "Toy Pistol". 19th December, 1988.

Class 3. Nos. 160571 & 160572. Roma Enterprises, 6898, Ahata Kedara, Bara Hindu Rao, Delhi-110 006, Union Territory of Delhi, India. "Toy Pistol". 19th December, 1988.

Class 3. Nos. 160573 & 160574. Master Toys, 3335, Baghichi Acheji, Bara Hindu Rao, Delhi-110006, Union Territory of Delhi, India. "Toy Pistol". 19th December, 1988.

Class 10. No. 160009. Hasmukh Mulchand Shah and Mrs. Bharati Manilal Shah trading as Industrial & Commercial Traders, a registered Partnership firm, having its registered Partnership firm, having its registered office at Swastick Industries Chincholi Bunder Road, Off. S. V. Road, Malad (West), Bombay-400 064, in the State of Maharashtra, within the Union of India. "Footwear". 3rd August, 1988.

Extn. of Copyright for the Second period of five years.

Nos. 156145, 156146, 156147. ..... Class-3.

Extn. of Copyright for the Third period of five years.

Nos. 156145, 156146, 156147. ..... Class-3.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multipling the same by four to get the charges as the copying charges per page are Rs. 4/-.

CLASS : 128-K 164361

Int. Cl. : A 61 b 1/00, 1/06, 1/30.

A MEDICAL EXAMINATION ILLUMINATING DEVICE FOR EXAMINING BODY CAVITY SUCH AS THE THROAT, VAGINAL CAVITY AND RECTAL CAVITY.

Applicant : TRYLON ASSOCIATES LTD., OF 26214 ATHENA VENUE HARBOUR CITY, CALIFORNIA-90710, U. S. A.

Inventor : 1. NEAL MARC LONKY.

Application No. 172/Cal/85 filed March 6, 1985.

Complete Specn. left on 15th May, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

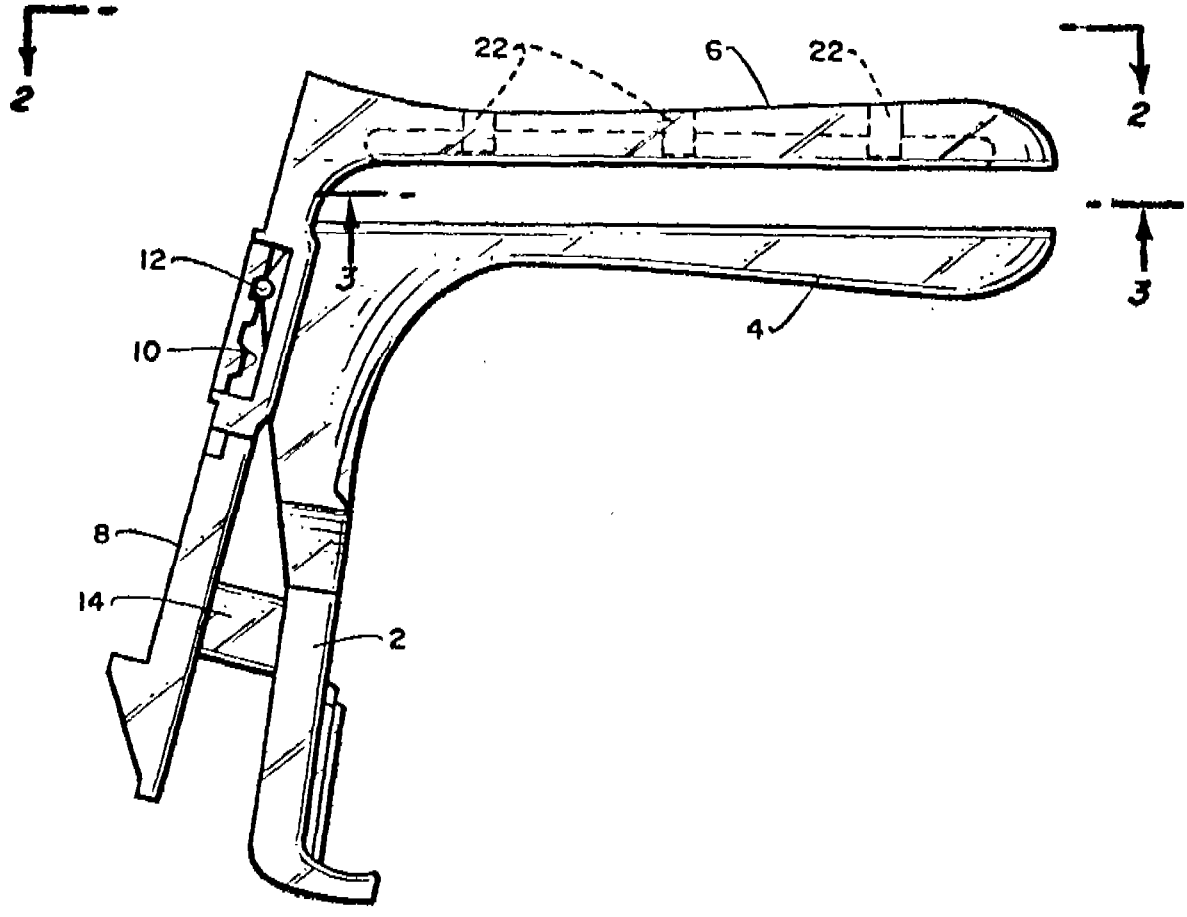
A medical examination illuminating device adapted to be removably secured to an endoscopic instrument, said device comprising :

a chemiluminescent light producing means adapted to be removably secured to said endoscopic instrument and provided with an adhesive layer for attachment to said endoscopic instrument;

said chemiluminescent light producing means comprising a light transmitting body having reactable chemiluminescent light producing material as herein described a portion of the outer surface of which body is adapted to fit the controur of of said endoscopic instrument;

said portion provided with said adhesive.

Provisional specn. 11 pages Drg. Nil
Compl. specn. 19 pages Drg. 5 sheets



CLASS : 102-D 164362
Int. Cl. : F 15 b 21/00; F 15 c 3/00.

IMPROVEMENT IN OR RELATING TO HYDRAULIC POWER TRANSMISSION OR CONTROL SYSTEM.

Applicant : VICKERS, INCORPORATED, OF 1401 CROOKS ROAD, TROY, MICHIGAN 48084, U. S. A.

Inventor : 1. VINOD KUMAR NANDA, 2. HENRY DELANO TAYLOR.

Application No. 319/Cal/85 filed 26, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A hydraulic control system comprising :

a hydraulic actuator having a movable element and opposed actuator having a movable element and opposed actuator opening a adapted to alternatively function as inlets and outlets for moving the element of the actuator in opposite directions;

a pump for supplying fluid to said actuator;

a tank passage for returning fluid to a reservoir;

pilot operated meter-in valve means to which the fluid from the pump is supplied;

said meter-in-valve means being pilot pressure controlled by alternately supplying fluid at pilot pressure said meter-in valve means for directing fluid from the pump and controlling the direction of movement of the actuator;

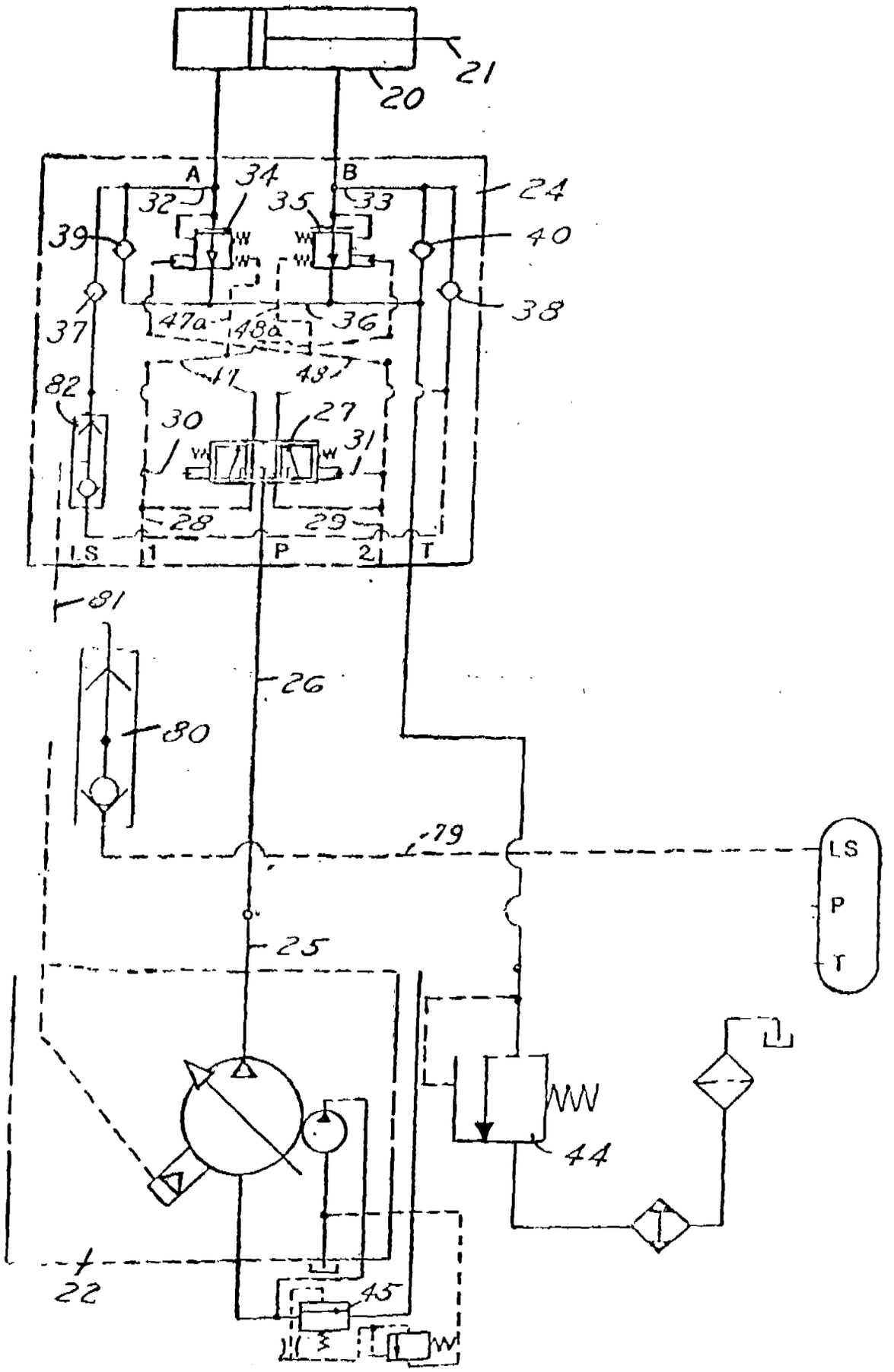
pilot pressure operated meter-out valve means associated with each opening of the actuator and positioned between said tank passage and each hydraulic line to each opening of the actuator for controlling the flow of fluid therebetween;

a pair of lines extending from said meter-in valve means to said respective openings of said actuator such that when said meter-in valve means is operated by pilot pressure to supply fluid through one of said lines to one of said openings of the actuator, pilot pressure also functions to control the opening of the other meter-out valve means associated with the other of said openings to said actuator;

a poppet valve operable as a load drop check valve in each said line operable to open when the pressure in the line exceeds a predetermined value;

each said meter-out valve means having a normally closed spring loaded poppet valve associated therewith, each said poppet valve having a spring chamber biasing the poppet valve closed; and

a passage extending from the speing chamber of one of said poppet valves associated with one of said meter-out valve means and connected to one of said pair of lines upstream of said load drop check valve in said line and operable, when the meter-in valve means is open to apply fluid pressure to said one of said lines and passage to maintain the associated poppet valve closed and operable when said meter-in valve means is closed after being open, to reduce the pressure holding the associated spring loaded poppet valve to open at a relatively low pressure developed in said one of said lines thereby allowing said one meter-out valve means to open.



Compl. specn. 20 pages

Drg. 9 sheets

CLASS : 32-E 164363

Int. Cl. : C 08 g 39/00, 51/00.

A FILLED HARDENABLE RESIN COMPOSITION.

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, AT WILMINGTON, DELAWARE, U. S. A.

Inventors : 1. WALTER JOHN SIMMONS, 2. FRANK MARSDEN WILLIS.

Application No. 401/Cal/85 filed May 27, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A filled hardenable resin composition of improved flowability and miscibility characteristics comprising an unsaturated polymerizable ethylene crosslinking agent such as methyl methacrylate and mixture of styrene and methyl methacrylate therefor and from 78 to 88 per cent by weight of particulate inert solid filler consisting of from 5 to 50 per cent by weight of a coarse filler component comprised of particles in a size range whose minimum is 1 mm, and the remainder a fine filler component comprises of particles whose maximum is beow 1 mm size which composition hardens when mixed with catalyst such as herein defined.

Compl. specn. 21 pages Drg. Nil

CLASS : 105-B & D; 146-C; 176-J 164364

Int. Cl. : G 06 f 11/30; 15/46.

DIAGNOSTIC APPARATUS FOR MONITORING *OPERATING SYSTEM.*

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY WAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, U.S.A.

Inventors : 1. JAMES CHRISTOPHER BELLOWS, 2. CHRIS TURNER KEMPER, 3. PAMELA JO KLEINOSKY.

Application No. 502/Cal/85 filed July 5, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

37 Claims

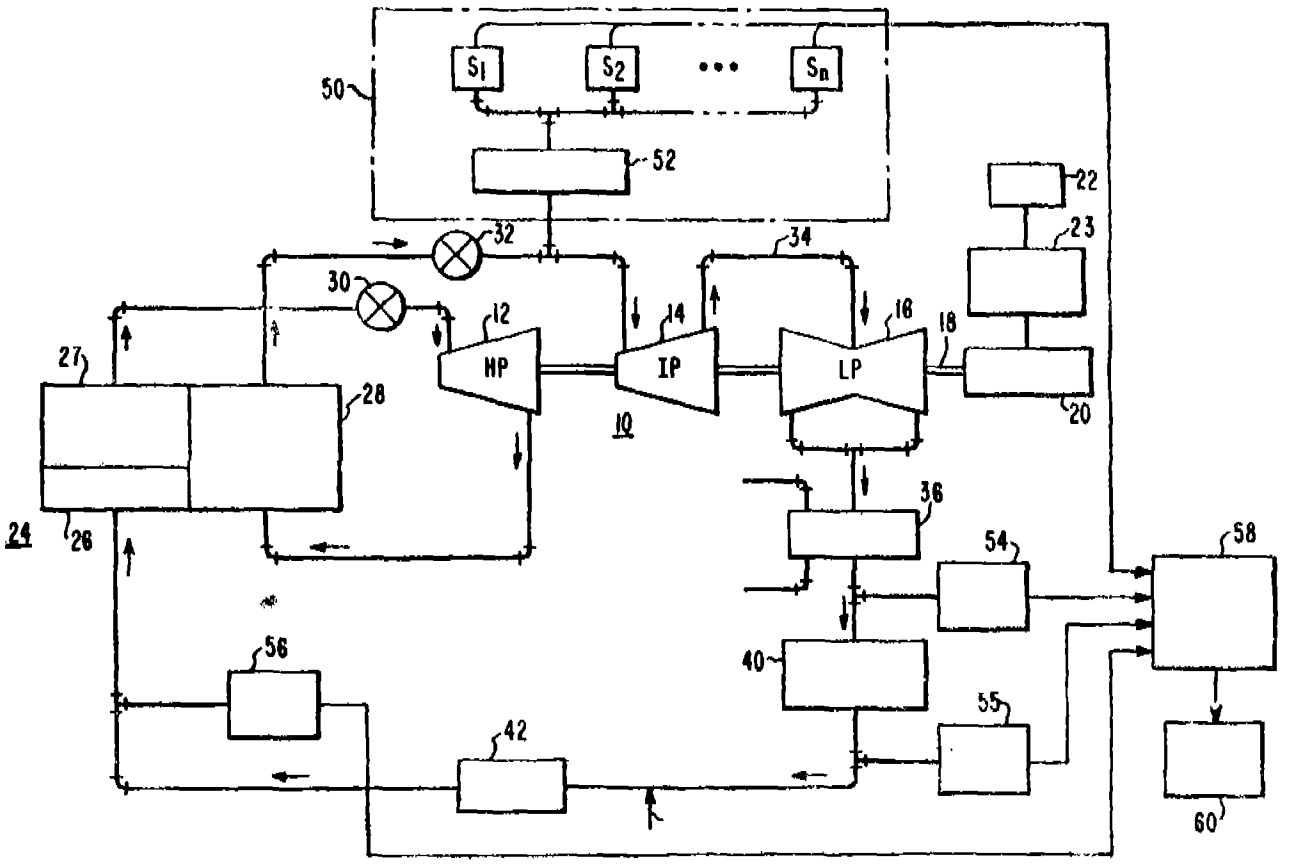
Diagnostic apparatus for monitoring an operating system subject to malfunctions, comprising :

(a) a plurality of sensors providing signals indicative of predetermined parameters of said system;

(b) control means operable to establish a first subsystem for each of a selected number of said sensors and including means to periodically obtain readings of sensor output signals for providing particular indications of sensor output reading particular indications of sensor output reading changes, if any;

(c) said control means operable to establish a second sub-system responsive to selected sensor readings as well as selected ones of said change indications provided by said first sub-system to provide validated conclusions relative to a sensor signal with each having a certain confidence factor in the validity of the conclusion; and

(d) said control means operable to establish at least a third subsystem responsive to sensor signals as well as said validated conclusion relative to the sensor signals to provide indications of possible malfunctions in said operating system.



Compl. specn. 42 pages Drg. 8 sheets

CLASS : 145-D 164365

Int. Cl. : D 21 f 1/00.

A WINDER CONTROL FOR PREPARING A FINISHED PAPER ROLL FROM A SHEET HAVING A PREDETERMINED LENGTH OF SHEET MATERIAL.

Applicant : BELOIT CORPORATION OF P.O. BOX 350 BELOIT WISCONSIN 53511, U. S. A.

Inventors : 1. ROGER CHARLES BRENDEMUEHL, 2. DAVID TAI-WAING.

Application No. 570/Cal/85 filed August 2, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A winder control for preparing a finished paper roll from a sheet having a predetermined length of sheet material comprising :

a rotatable support drum and a drum tachometer for producing first tachometer pulses;

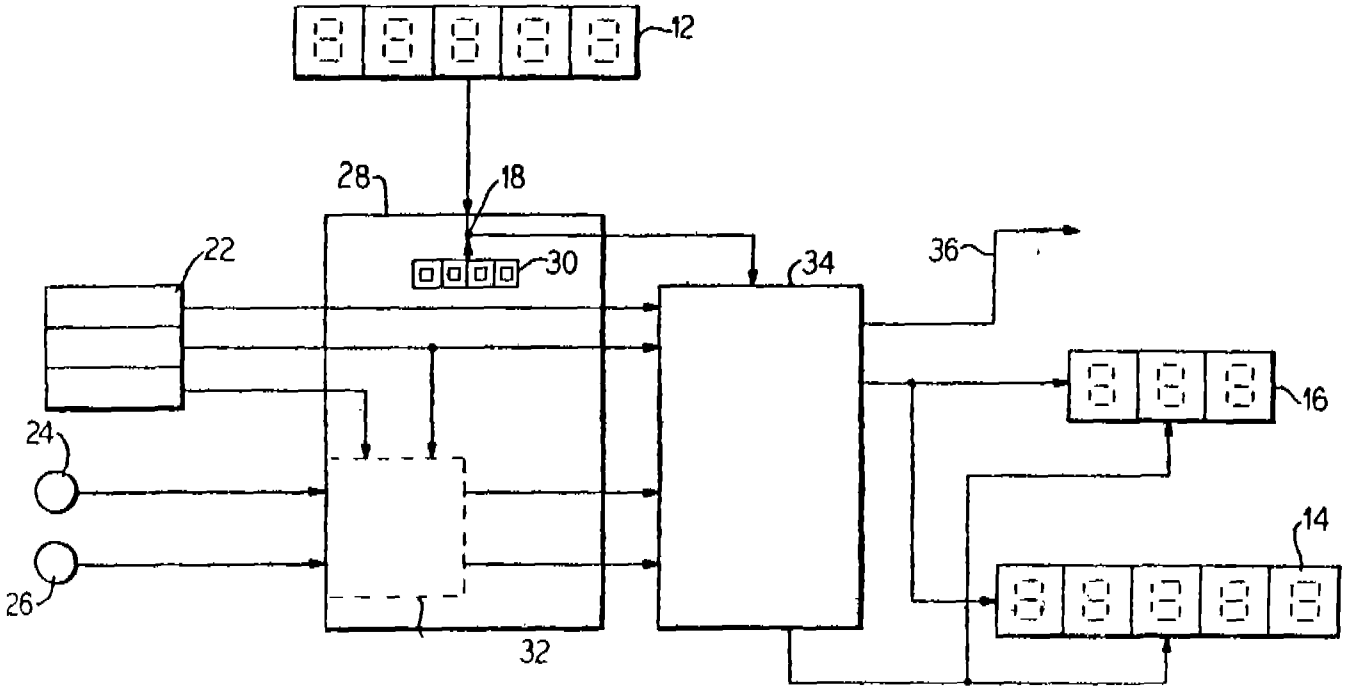
a rotatable roll for winding a sheet thereon and a roll tachometer for producing second tachometer pulses;

a drive means connected to and operable to cause rotation of said drum and roll, including a drive circuit switchable between a first deceleration rate and a lower second deceleration rate;

first means for storing target information representing desired wound-up sheet length;

second means connected to said first and second tachometers for counting and storing the respective tachometer pulses as representing an cumulative length; and

said second means including third means connected to said first means and to said drive circuit, said third means operable to determine an anticipated stopping distance from the speed and the drive deceleration rate and cause said drive circuit to operable at said first deceleration rate when the sum of the stopping distance and the cumulative length is greater than the target length and at said lower, second decelerating rate when such suc is less than the target length.



Compl. specn. 15 pages Drg. 3 sheets

Int. Cl. : C 08 f 35/00. 164366

HEAT-HARDENING REACTIVE RESIN MIXTURE FOR USE IN PRODUCING MOULDED MATERIALS WITH OR WITHOUT INSERTS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : 1. WALTER IHLEIN, 2. WOLFGANG ROGLER.

Application No. 645/Cal/85 filed September 11, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A synergistic storage-stable heat-hardenable resin mixture comprising :

1. polyisocynate;

2. (poly) epoxy resin; and

3. at least one olefinically unsaturated compound containing no active hydrogen atoms, such as styrenes or C_1 - C_4 alkyl styrenes or (meth) acrylic acid C - C alkylester or diallyl phthalate or di (meth) acrylic acidester or mixtures of these compounds;

from 0.01 to 5% by weight an accelerator system (i.e. catalyst) which is an addition complex of a tertiary amine and boron trichloride and which has the general formula :

BCl_3. NR_1 R_2 R_3

wherein R_1, R_2 and R_3 are the same or different and each is an aliphatic, aromatic, heterocyclic or aryl-aliphatic radical (which radicals, or any two of them can be bonded together in addition to being bonded to the nitrogen atom), or wherein the nitrogen is part of a cyclic system (optionally containing one or more multiple bonds and/or optionally being of aromatic nature) in which event R_1, R_2, and R_3 is a trivalent organic radical which is bonded to the nitrogen atom via a single bond and via a double bond, and;

from 0,0001 to 2% by weight of a known polymerization inhibitor based on the total weight of the mixture.

Compl. specn. 11 pages. Drg. Nil

CLASS : 55-A; 55-D_1 164367

Int. Cl. : A 01 n 57/00.

A METHOD OF PREPARING A MICROBIOCIDAL COMPOSITION.

Applicant : INTERFACE RESEARCH CORPORATION, OF 100 GALLERIA PARKWAY, SUITE 1875 ATLANTA, GEORGIA 30339, U. S. A.

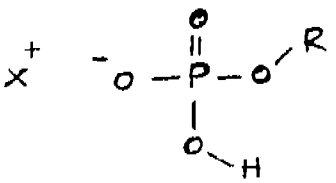
Inventor : 1. ROBERT H. MCINTOSH.

Application No. 718/Cal/85 filed October 10, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims

A method of preparing a microbiocidal composition of a substance such as herein described and a monoalkyl phosphate derivative having the formula (1) of the accompanying drawings wherein ;



R is an alkyl group of from 1 to 18 carbon atoms;

X is hydrogen; and

said substance being selected from the group consisting of plastics, fibres, fabrics, water, wood, detergents, non-permanent coatings and permanent coatings, the said method comprising the steps of :

(a) reacting phosphorous pentoxide with an alcohol having 1 to 18 carbon atoms at a temperature between 60°C to 120°C;

(b) mixing 0.01% to 10% by weight (based on said substance) the product of step (a) with said substance.

Compl. specn. 35 pages. Drg. 1 sheet

Int. Cl. : C 09 c 1/44 . 164368

PROCESS AND APPARATUS FOR PRODUCING CARBON BLACK.

Applicant : DEGUSSA AKTIENGESELLSCHAFT OF 6000 FRANFURT AM MAIN, WEISSFRAUENSTRASSE 9, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. EULAS WEBB HENDERSON, 2. MARK LEE GRAVLEY.

Application No. 457/Cal/86 filed June 20, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A carbon black reactor comprising :

a generally cylindrical combustion zone;

a converging zone;

a reactor throat, wherein the converging zone connects the generally cylindrical combustion zone with the reactor throat;

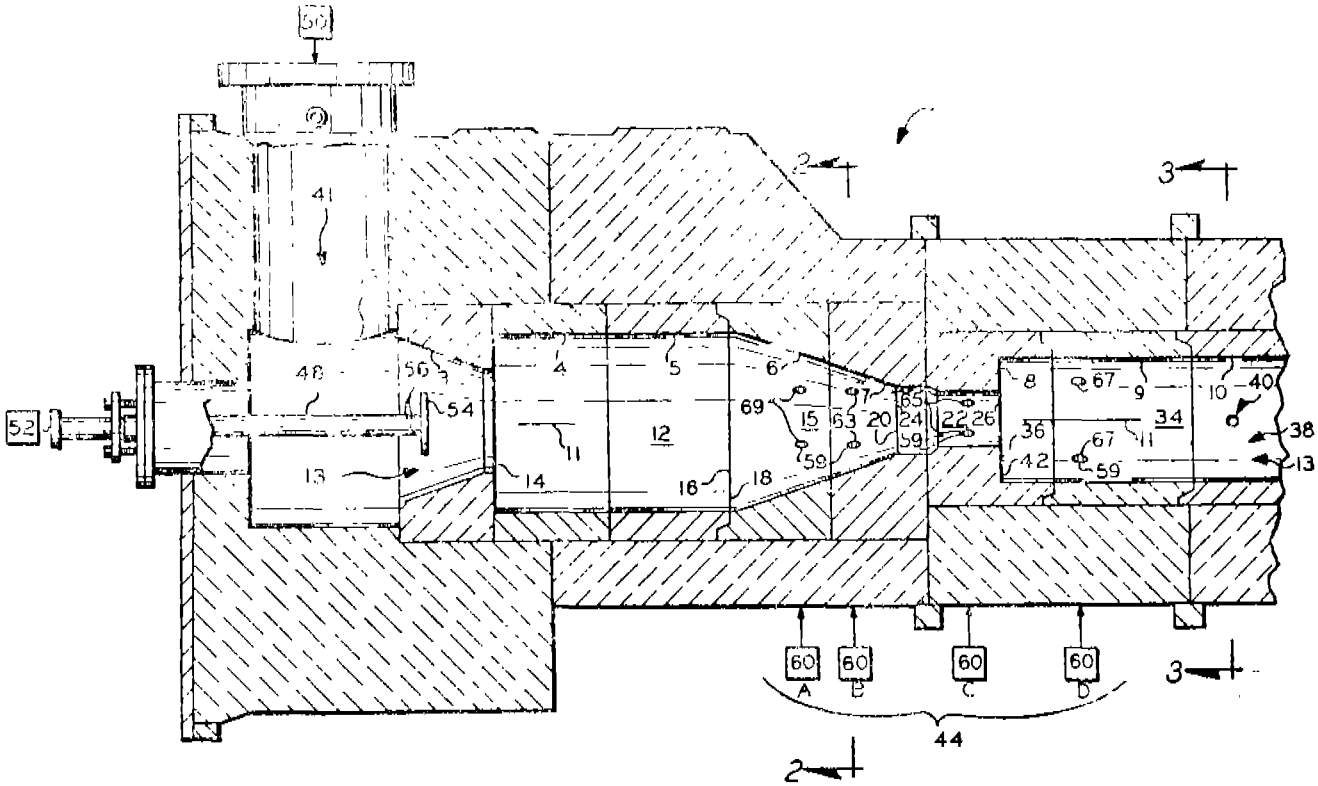
a generally cylindrical pyrolysis zone downstream of the the reactor throat, said generally pyrosis zone having a diameter in the range of from about 1.5 to about 5 times the diameter of the reactor throat, the combustion zone, the converging zone, the throat and the pyrolysis zone being determined by a sidewall defining a reaction flow passage having a longitudinal axis to the reactor;

at least one generally annular wall positioned between the reactor throat and the pyrolysis zone, said generally annular wall facing in the downstream direction;

means for providing hot combustion gases which flow from the generally cylindrical combustion zone to the generally cylindrical pyrolysis zone;

means for introducing a quench fluid at the downstream end of the generally pyrolysis zone; and

means for introducing a carbonaceous feedstock generally radially inwardly toward the longitudinal axis of the axis of the reactor.



Compl. specn. 22 pages. Drg. 1 sheet

CLASS : 145-D. 164369

Int. Cl. : D 21 f 7/00, 7/04.

APPARATUS FOR CONTROLLING A PAPER MAKING REFINER.

Applicant : BELOIT CORPORATION, OF P.O. BOX 350 BELOIT, WISCONSIN 53511, U. S. A.

Inventor : 1. JOHN M. ELLERY, SR.

Application No. 24/Cal/86 filed January 1, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

Apparatus for controlling a paper making refiner which includes a gearmotor for adjusting refiner plates and which is driven by a main drive motor, comprising the steps of :

means for sensing the stock consistency and stock flow rate of the refiner and producing corresponding consistency and flow rate signals;

means for sensing the speed and power of the drive motor and producing corresponding speed and power signals;

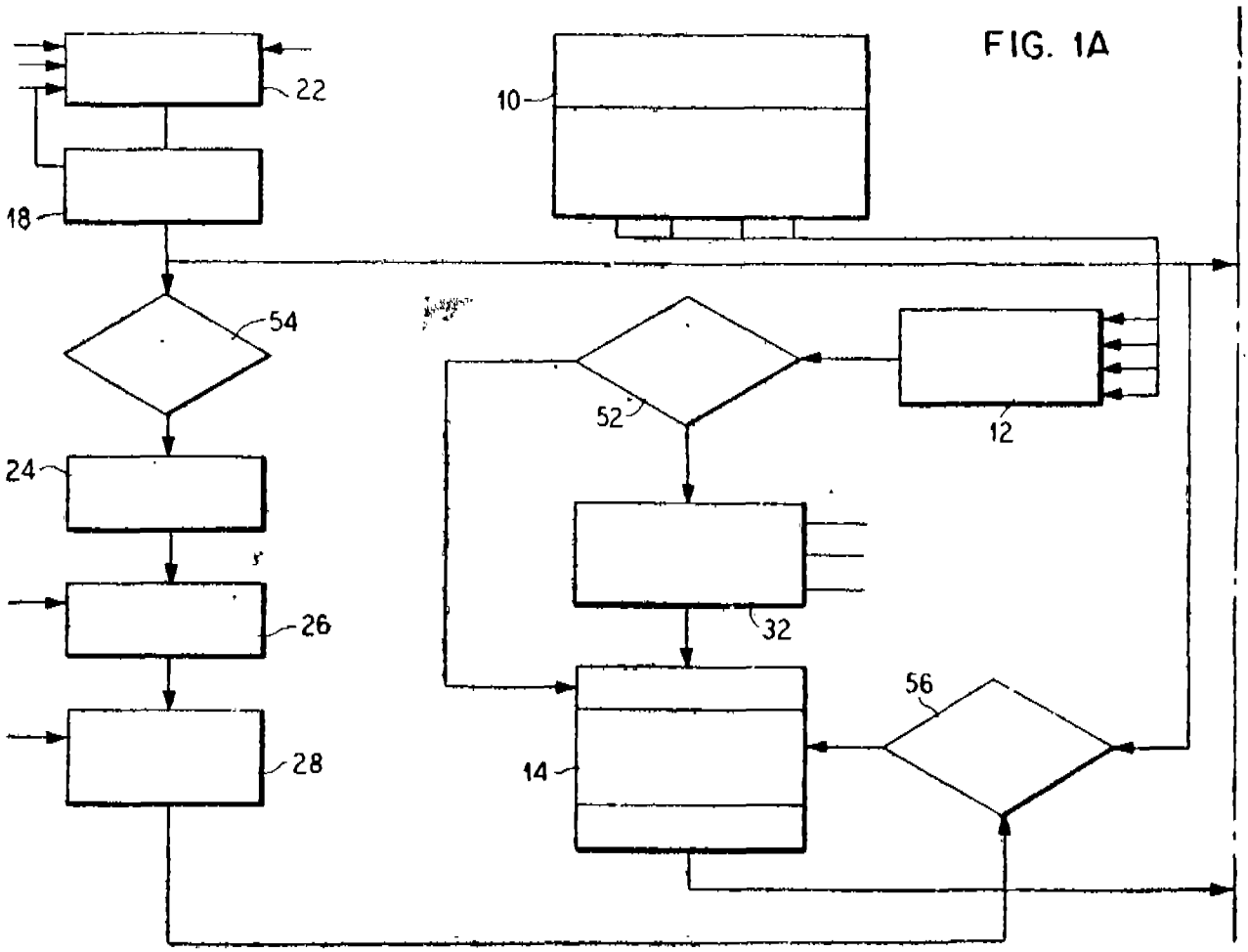
means for producing a no load horsepower signal of the drive motor in response to the consistency, flow rate and speed signals;

means for converting the no load horsepower into percent horsepower days per ton in response to the power, flow rate and consistency signals, including means for converting the no load horsepower into actual net horsepower in response to the power signal;

means for producing a drive motor speed signal from the actual net horsepower, an adjustable constant dependent on the refiner plate configuration and an intensity factor defined as an adjustable constant representing the desired refining result, and applying the speed signal to the drive motor; and

means for producing a gearmotor speed signal from the percent horsepower days per ton, a speed setpoint, the main motor power, the available main motor power and the maximum and minimum gearmotor speed, and applying the gearmotor speed signal to the gearmotor.

FIG. 1A



Compl. specn. 37 pages. Drgs. 3 sheets

Int. Cl.[4] : C 07 C 121/453. 164370

A PROCESS FOR THE PREPARATION OF (—)—CARNITINE NITRILE CHLORIDE.

Applicant : LONZA LIMITED A JOINT STOCK COMPANY ORGANISED UNDER THE LAWS OF SWITZERLAND OF GAMPEL/VALAIS SWITZERLAND.

Inventor : LEANDER TENUD; JACQUES GOSTELI.

Application No. 176/Mas/85 filed 7th March 1985.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A process for the preparation of (—)— carnitine nitrile chloride wherein racemic 3-chloro-2- hydroxy-propyltrimethyl-ammonium chloride is converted by resolution with D-(+)-tartaric acid in the presence of trialkylamine into di- [(+) -3-chloro-2-hydroxy-propyl-rimethylammonium] L-(+)-tartarate, splitting it into tartaic acid and (—)—3-chloro-2-hydroxypropyltrimethyl-ammonium chloride, reacting the latter with an alkali metal cyanide or an alkali earth metal cyanide and recovering the (—)—carnitine nitrile chloride in a known manner.

Carnitine has a variety of pharmaceutical uses.

Compl. specn. 13 pages. Drg. Nil

Int. Cl.[4] : B 29 D 7/01. 164371

A COMPOSITION FOR PRODUCING FILM WITH IMPROVED PROPERTIES.

Applicant : UNION CARBIDE CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, OF OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT 06817, U. S. A.

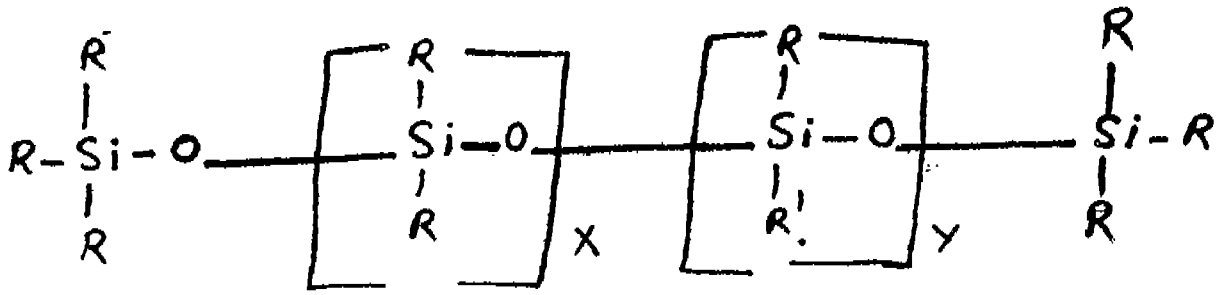
Inventors : GEORGE NORRIS FOSTER; RICHARD BRUCE METZLER.

Application No. 183/Mas/85 filed 12 March 1985.

Appropriate Office for Opposition proceedinngs (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

18 Claims

A composition for producing film with improved properties comprising a polymer based on at least one alpha olefin, said polymer having a density from 0.850 to 0.930 and a silicone additive having the formula :



wherein each R is an alkyl radical having 1 to 6 carbon atoms, R^1 is a monovalent organic radical having upto 44.5 carbon atoms containing at least one ethylene oxide group, vicinal epoxy group and x and y each have a value of 4 to 5,000 said silicone additive being present in an amount of from 0.02 to 0.5 percent by weight.

Compl. specn. 21 pages. Drg. 1 sheet

Int. Cl.[4] : F 24 J 2/00. 164372

SOLAR HEAT ACCUMULATOR WITH A PLANE SOLAR HEAT COLLECTOR.

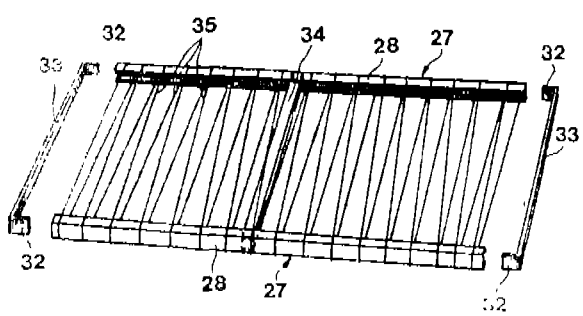
Applicant & Inventor : GORAN HULTMARK, OF VABELGATEN 6, S-421 76 VASTRA FROLUNDA, SWEDEN, A SWEDISH CITIZEN.

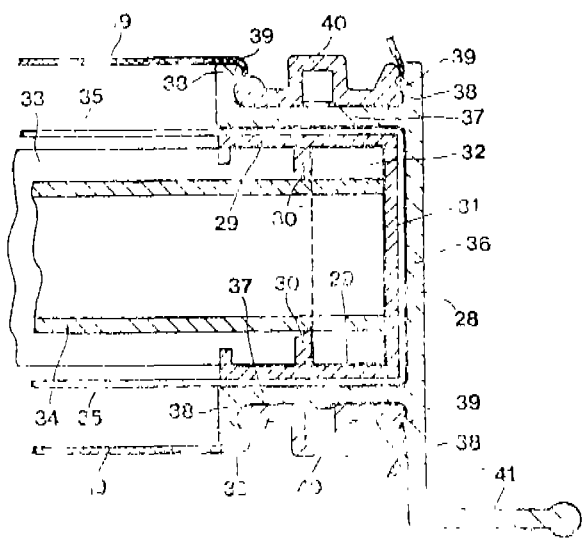
Application No. 190/Mas/85 filed 14 March 1985.

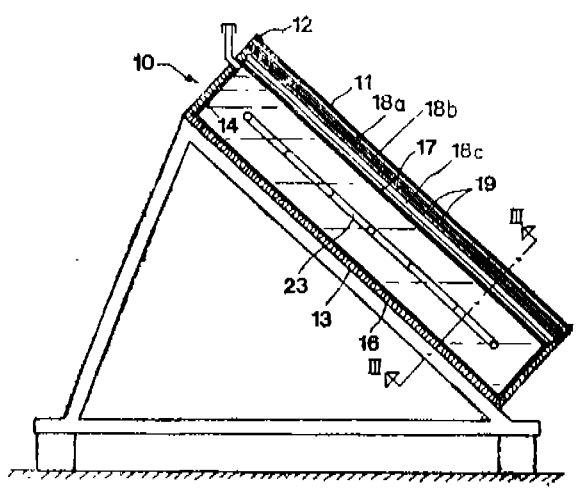
Appropriate Office for Opposition proceedinngs (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims

Solar heat accumulator with a plane solar heat collector, of the kind which emits radiated heat to an accumulator tank (14) containing the fluid which is to be heated in a pressure-free condition, which comprises a transparent coverting means (11) for the incident radiation energy, the said covering means is placed at a distance from a radiation absorbent surface (17), placed on one side wall (15) of the accumulator tank (14), which side wall consists of a known material having a good thremal conductivity, the said transparent covering means (11) and the absorption surface (17) are spaced apart to form a closed air space (18) which is divided into a plurality of partial spaces (18a, 18b, 18c) by means of convection preventing members (19), and that the covering means (11), said convection preventing member (19) as well as the accumulating tank (14) are thermally insulated.







Compl. specn. 10 pages. Drgs. 3 sheets

Int. Cl.[4] : H 03 C 1/20. 164373

AMPLITUDE-MODULATED TRANSMITTER WITH CLASS B ANODE MODULATION.

Applicant : BBC BROWN BOVERI LIMITED, OF CH-5401 BADEN, SWITZERLAND, A SWISS COMPANY.

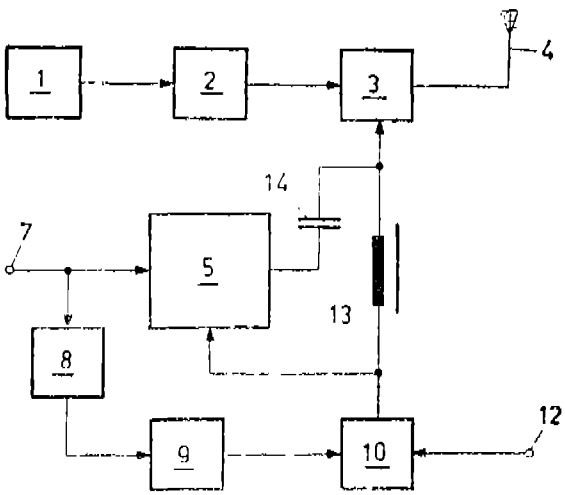
Inventor : BOHUMIL KYRIAN.

Application No. 251/Mas/85 filed 1 April 1985.

Appropriate Office for Opposition proceedinngs (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

Amplitude-modulated transmitter having class B anode modulation, in which a low-frequency input signal is amplified in a class B anode modulator (5) and is fed to an output stage (3) for modulating a carrier oscillation, and in which a controllable rectifier (10) is provided for supplying power to the class B amdce modulator (5), which controllable rectifier (10) is connected via a peak-value detector (8) and a subsequent processing section (9) to and LF input (7) for the low-frequency input signal and controls the supply voltage of the class of the low-frequency input signal, wherein the output of the controllable rectifier is connected to the anode voltage input of the output stage (3), via a modulation choke (13).



Compl. specn. 9 pages. Drg. 1 sheet

Int. Cl.[4] : B 65 D 8/04; 8/08. 164374

STORAGE TANKS.

Applicant : INTERLOK LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF WESTERN AUSTRALIA OF 5TH FLOOR, 95 ST. GEORGE'S TERRACE, PERTH, WESTERN AUSTRALIA, AUSTRALIA.

Inventor : GRAHAM GILLETT.

Application No. 265/Mas/85 filed April 4, 1985.

Convention date April 5, 1984; (No. PG 4440; Australia).

Appropriate Office for Opposition proceedinngs (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

13 Claims

A storage tank comprising :

(a) an endless wall formed of a plurality of panel members each of these panel members having;

(i) one or more smooth portions;

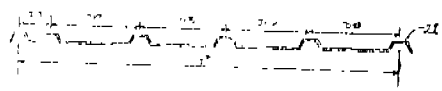
(ii) a first lateral edge and a second lateral edge opposite a first lateral edge;

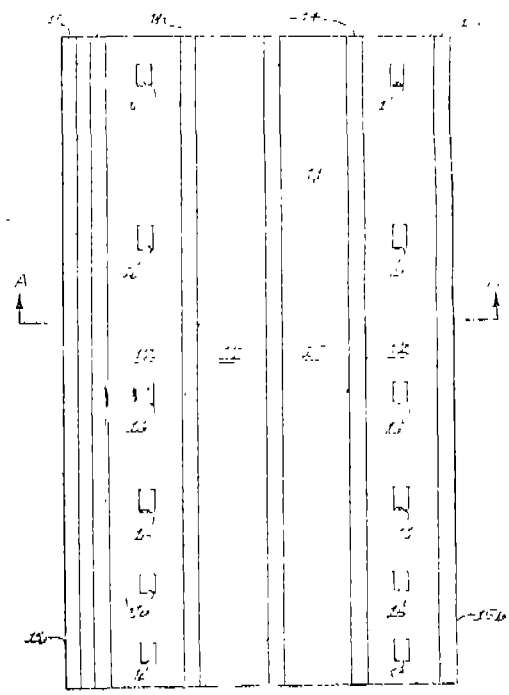
(iii) a plurality of upright raised ribs each located laterally of one or two smooth portions, all of the upright raised ribs projecting in the same direction from the or each smooth portion; and

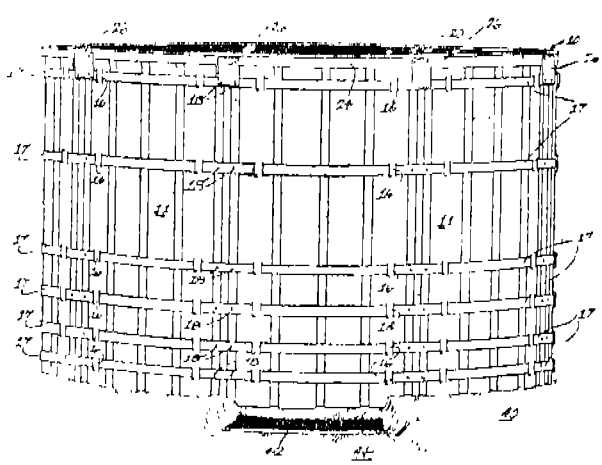
(iv) one or more integral loops formed from two substantially parallel slits made in the smooth portions and having intervening material between the slits deformed in a direction opposite to that of the upright raised ribs;

the said panel members being disposed in overlapping manner; and

(b) at least one elongated endless support strap extending substantially horizontally around the endless wall and disposed through and retained by a panel members in vertical and side by side overlapped relation and to provide support to the endless wall.







Compl. specn. 20 pages. Drgs. 5 sheets

Int. Cl.[4] : B 30 B 9/02 164375

AN APPARATUS AND METHOD FOR EXTRACTING LIQUID FROM A HUMID MASS.

Applicant : CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, A CANADIAN COMPANY, OF 333 RUE FRANQUET, STE-FOY, QUEBEC, CANADA G1V 4C7.

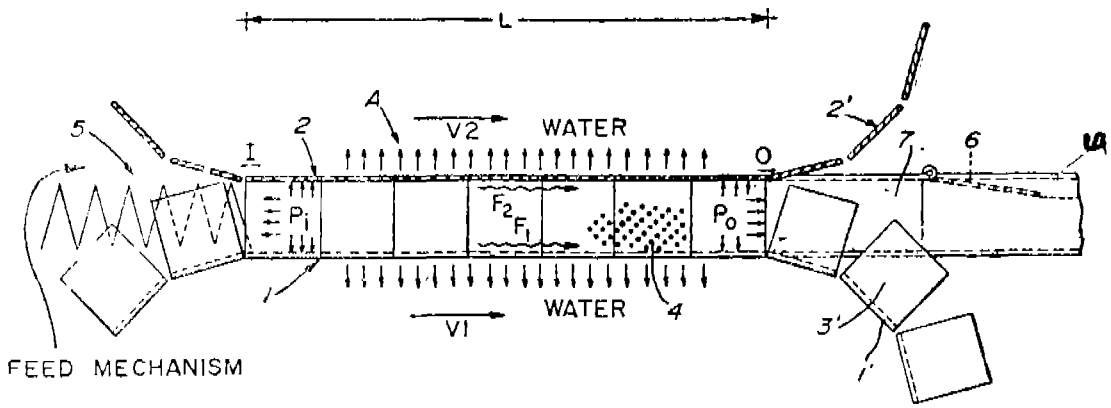
Inventors : (1) ADRIAN BARBULESCU, (2) RODRIGUE BOULET, (3) DENIS LESSARD.

Application No. 305/Mas/85 filed April 23, 1985.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

13 Claims

An apparatus for extracting liquid from a humid mass, said apparatus comprising a conduit (A) having an inlet end (I) for admitting a humid mass as a continuous stream by a feed mechanism (5) said conduit having perforation in at least a working section of said conduit, said conduit having a movable side wall section (1) having a surface area greater than the surface area of the remaining side wall section (2), means to impart continuous movement to said movable side wall so that said movable side wall is displaced axially along at least said working section of said conduit for displacing humid mass axially along at least said working section of the conduit, said conduit having an outlet end (0) through which there is discharged a continuous output of said humid mass containing only a small percentage of liquid therein, said apparatus being characterized in that said working section has a constant cross-section, said side wall sections are perforated, a collector channel (7) is secured to the outlet end (0) of said conduit and means (6) are provided in said collector channel to control said output of the humid mass and to adjust the cross-section dimension of the outlet end of the conduit to make it smaller than the cross-sectional area of the working section to gradually and progressively create a pressure along the axis of displacement of the mass or axial pressure at the interior of said humid mass, the speed of displacement of said movable side wall section being different of the speed of displacement of the humid mass, whereby a dynamic friction force (F1, F2) is created between the inner surface of the conduit and the humid mass, which friction force of the conduit creates a suction pressure in the humid mass laterally of the axis, which is inferior to said axial pressure whereby to establish a transversal pressure through said mass to cause liquid therein to flow out of said mass transversely to the direction of travel of said mass and out of said conduit through said perforated section.



Compl. specn. 27 pages. Drgs. 2 sheets

Int. Cl.[4] : C 25 F 3/12. 164376

DRY ETCHING PROCESS

Applicant : BBC BROWN BOVERY LIMITED OF CH-5401 BEDEN SWITZERLAND A SWISS COMPANY.

Inventor : JENS GOBRECHT; MARCO ROSSINELLI.

Application No. 316/Mas/85 filed 27 March 1985.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

12 Claims

A dry etching process for patterning a substrate (2), which comprises depositing an Al_2O_3 layer having a thickness of 50—500nm as an inorganic etching mask (4) on a substrate (2), wherein said layer is deposited on said substrate (2) as a solution dissolved in an organic compound by dipping the substrate (2) in the solution or by spinning the solution onto the substrate (2) and patterning said substrate by exposing predetermined areas of said etching mask (4) and the surface of said substrate (2) and removing the material of said substrate in said predetermined areas by an ion etching process, wherein said ion etching process is carried out in a fluorine-containing plasma.

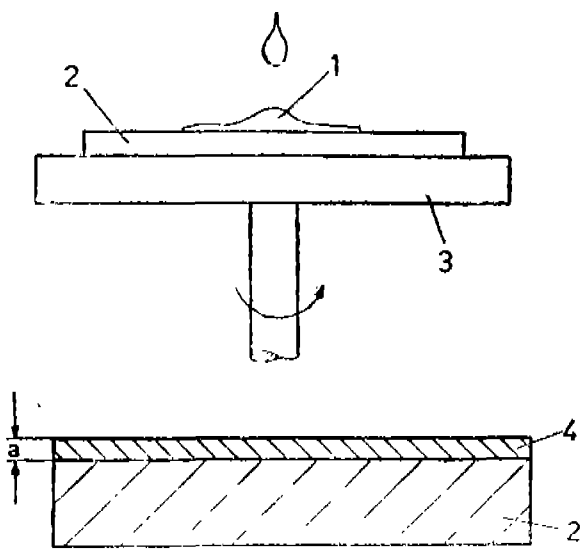
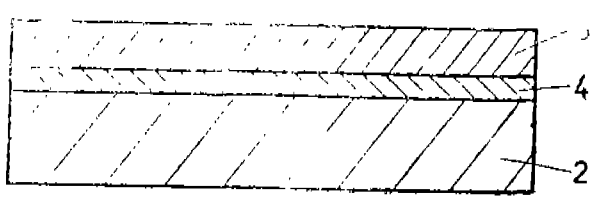


FIG. 2a



Compl specn. 12 pages. Drgs 2 sheets

Int. Cl.[4] : B 01 J 8/06. 164377

REACTOR FOR CARRYING OUT NON-ISOTHERMIC REACTIONS.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., A NETHERLANDS COMPANY OF CAREL VAN BYLANDTLAAN 30, 2596 HR, THE HAGUE, THE NETHERLANDS.

Inventors : JOHAN CORNELIS GOUDRIAAN; MAARTEN JOHANNES VAN DER BURGT.

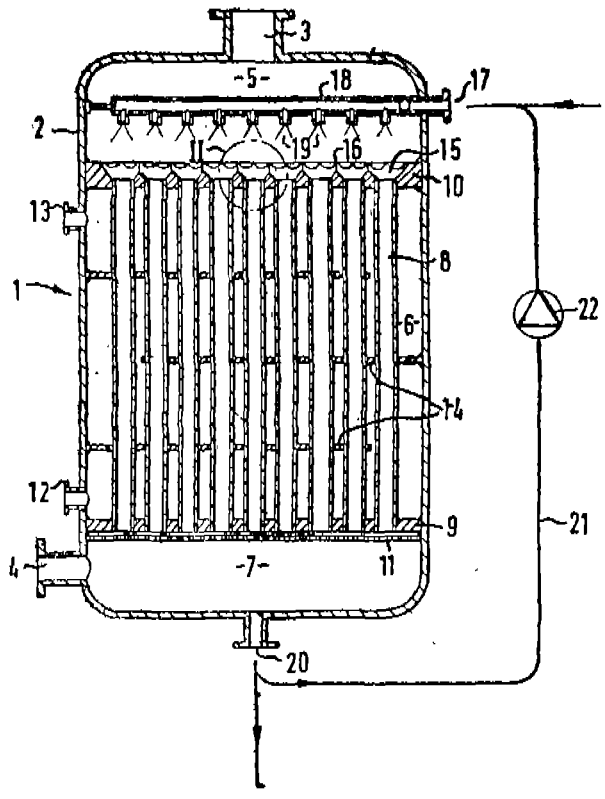
Application No. 393/Mas/85 filed 28 May 1985.

Convention dated 29th May 1984 (No. 8413596; Great Britain).

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims

Reactor for carrying out non-isothermic reactions comprising a vertically extending vessel provided with a plurality of parallel tubes adapted to be filled with catalyst material, the said parallel tubes being subs antially vertically placed between an upper tube plate and a lower tube plate, means for circulating a heat transfer medium between the tube plates along the tubes, inlet means above the tubes for distributing liquid in the form of one or more sprays and gas over the plurality of tubes and outlet means below the plurality of tubes for removal of liquid and gas from the vessel, wherein the plurality of tubes are arranged in rows such that the tubes of adjacent rows are staggered, and the upper tube plate is provided with holes, the upper part of the said tubes being closely fitted in the lower part of the holes and the upper part of the holes being substantially concentric and diverging in upward direction, the upper ends of adjacent holes having edges in common in such a manner that the upper end of the upper tube plate is formed by edges arranged in a hexagonal configuration.



Compl. specn. 10 pages. Drgs. 2 sheets

Int. Cl.[4] : H 01 M 10/12. 164378

METHOD OF PRODUCING STORAGE BATTERY.

Applicant : YUASA BATTERY COMPANY LIMITED, A JAPANESE CORPORATION, OF 6-6, JOHSAICHO, TAKATSUKI CITY, OSAKA PREFECUTRE, JAPAN.

Inventors : NOBUO SANEKATA, OSAMU HAMADA, TADASHI KOMURO.

Application No. 468/Mas/85 filed 25 June 1985.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

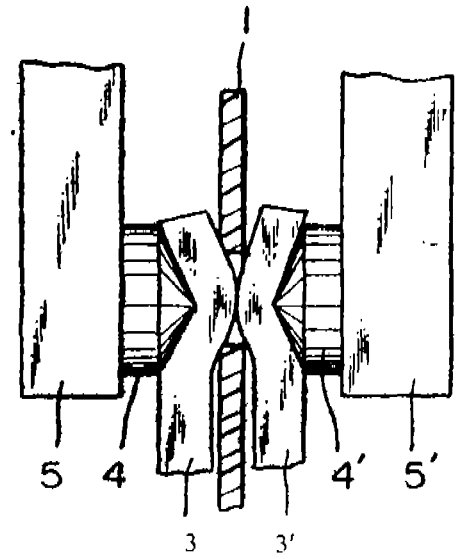
2 Claims

A method of producing a storage battery comprising the steps of :

inserting groups of positive and negative plates each having a plate-like post into a container with partition walls each formed with an aperture;

pressing conical welding electrodes against said respective posts disposed in opposition to said aperture from the respective backs of said posts so as to transform said posts into a conical shape and at the same time extrude said posts into said aperture to make said posts come in contact with each other, each of said electrodes having a tip end angle θ selected to be a value within a range from 90 to 150 degrees and a bottom diameter selected to be larger than the diameter of said aperture by a value within a range from 1mm to 2mm; and

causing a current to flow through said electrodes to weld said posts to each other.



Compl. specn. 9 pages. Drg. 1 sheet

Int Col.[4] : C 07 C 53/18 164379

PROCESS FOR THE PREPARATION OF A BROMOFLUOROACETIC ACID.

Applicant : ATOCHEM, A FRENCH BODY CORPORATE (FRANCE), LA DEFENSE 10, 4 & 8 COURS MICHELET, 92800 PUTEAUX, FRANCE.

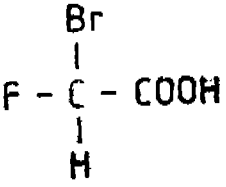
Inventors : (1) GILLES DRIVON, (2) BERNARD GURTNER.

Application No. 711/Mas/86 filed September 3, 1986.

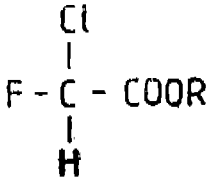
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims

Process for the preparation of a bromofluoroacetic acid of the formula shown in Figure (II) of the accompanying drawings.



which comprises reacting a compound of the general formula shown in Figure (I)



in which R represents a hydrogen atom or an alkyl or aryl radical in a 45 to 60% by weight aqueous solution of hydrobromic acid with gaseous hydrogen bromide at a temperature of 50° to 140°C.

Bromofluoroacetic acid can be used as raw material for the manufacture of medicaments and plant protection chemicals.

Compl. specn. 9 pages Drg. 1 sheet

Int. Cl.[4] : C 08 G 65/34 164380

A METHOD FOR THE PREPARATION OF A POLYMER.

Applicant : RAYCHEM LIMITED, A BRITISH COMPANY OF ROLLS HOUSE, 7 ROLLS BUILDINGS, FETTER LANE, LONDON, EC 4 INL, ENGLAND.

Inventors : (1) IAN DAVID HENDERSON TOWLE (2) PATRICK JAMES HORNER.

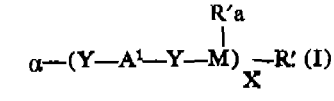
Application No. 161/Mas/85 filed February 26, 1985.

Convention dated February 27, 1984 (No. 8405049; GREAT BRITAIN).

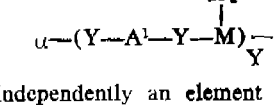
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

A method for preparing a polymer comprising polymerising a monomeric, oligomeric intermediate having the formula :



where α is either the group $(R')_a M$-, or the unit :



each M is independently an element selected from :

Group III, IV or V of the Periodic Table or a transition metal, excluding carbon, silicon, nitrogen, phosphorus, boron, aluminium and titanium;

each R^1 independently a substituted or unsubstituted alkyl or aryl group such as herein described;

each Y is independently an atom or group selected from oxygen, sulphur, or substituted nitrogen or phosphorus;

each A^1 is independently an aromatic, aliphatic, aromatic/aliphatic, heterocyclic, alicyclic, siloxyl or silane monomeric moiety, or an oligomeric which at least bifunctional;

each a is independently an integer from 0 to 4 inclusive depending on the element M used;

b is an integer from 1 to 4 inclusive depending upon the element M used; and

x and y are each independently an integer greater than or equal to 1;

at a temperature of from 0 to 15°C to produce a polymer containing the unit—Y—A^1—Y—and an eliminatable by product containing the metal M of the said metalic groups and recovering the polymer by known means.

Compl. specn. 52 pages Drg. 7 sheets

Int. Cl.[4] : G 01 V 1/133 164381

A DEVICE FOR APPLYING PULSED RADIAL STRESSES TO THE WALL OF A WELL.

Applicant : INSTITUT FRANFCAIS DU PETROLE (A FRENCH BODY CORPORATE) OF 4, AVENUE DE BOIS PREAU, 92502 RUEIL MALMAISON, FRANCE.

Inventor : PASCAL DEDOLE.

Application No. 335/Mas/85 filed 1 May 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims

A device for applying pulsed radial stresses to the wall of a well or borehole comprising :

a tool body to be lowered in the well at the end of a cable provided with electric power supply and signal transmission lines;

said body being connected with at least one anchorage shoe movable between a rest position and an extended position in which each shoe is applied against the wall of the well under the action of at least one hydraulic jack means actuated by a main hydraulic system disposed in the body and controlled through said cable;

said device further comprising means disposed inside said body also controlled through said cable for applying short pulsed radial stresses to each shoe when this latter is applied against the wall of the well.

Compl. specn. 14 pages Drg. 4 sheets

Int. Cl.[4] : C 08 H 5/04 164382

A PROCESS FOR THE PREPARATION OF A SUBSTANCE BASED ON COCOUNT SHELL DERIVATIVES CAPABLE OF CONTROLLED RELEASE OF SANDALWOOD PERFUME.

Applicant : KONTIKI CHEMICALS & PHARMACEUTICALS (P) LTD. OF A. K. OFFICE BUILDINGS, BALIAPATAM CANNANORE 10, KERALA, INDIA; AN INDIAN COMPANY.

Inventor : CHATHANATH CHAITHANYA MENON.

Application No. 441/MAS/85 filed 12 June 1985.

Appropriate Office for Opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims

A process for the preparation of a substance based on coconut shell derivatives capable of controlled release of sandalwood perfume, comprising the steps of :

(a) reacting coconut shell derivative prepared according to the process claimed in Indian Patent No. 147728 with hydrochloric acid at a pH6 under stirring and adding acetone thereinto while continuing the stirring;

(b) recovering the precipitate formed and drying it at 40°C in vacuum;

(c) dispersing said precipitate in aqueous sodium hydroxide;

(d) reacting the dispersion with chloracetic acid at 70°C for five hours;

(e) adding sulphuric acid to the reaction mixture, and thereafter recovering, washing and drying the precipitate formed; and

(f) converting the dried precipitate into its aluminium salt by first dissolving in aqueous sodium hydroxide and followed by reaction with aluminium sulphate solution until a pH7 is attained.

Compl. specn. 12 pages Drg. Nil

Int. Cl.[4] : E 03 D 1/14 164383

A DUAL FLUSH CISTERN.

Applicant : NEIVELI CERAMICS AND REFRACTORIES LIMITED, VADALUR P.O.-607303, SOUTH ARCOT DISTRICT, TAMIL NADU, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventor : UMATOSH SARKAR.

Application No. 459/Mas/85 filed June 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

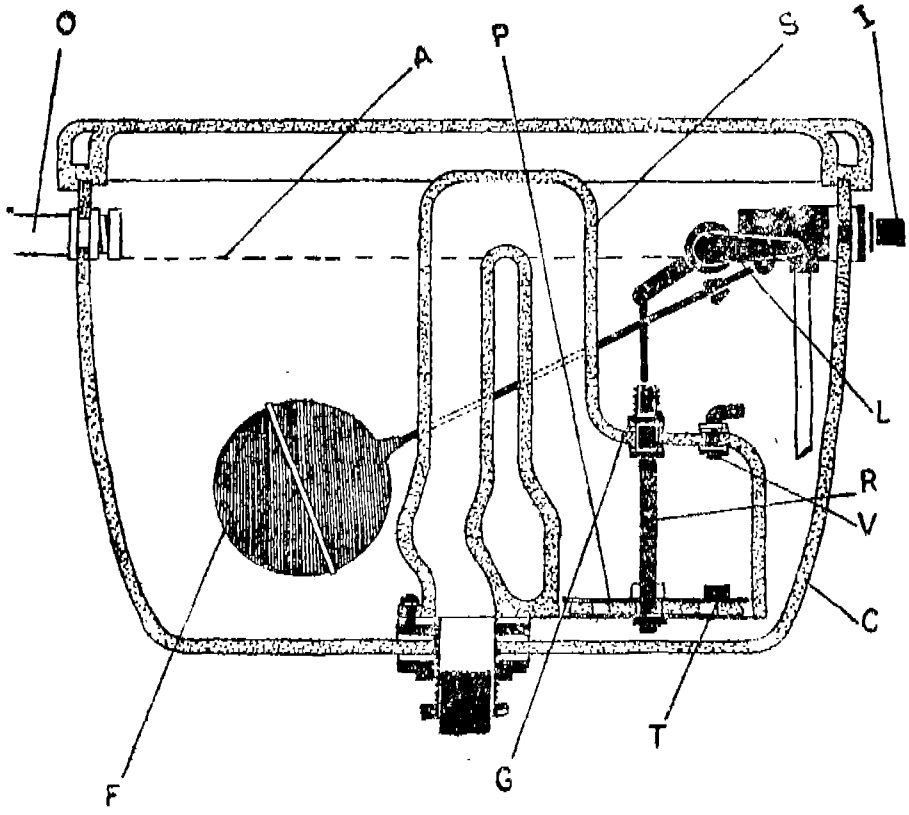
2 Claims

A dual flush cistern comprising :

a cistern with a siphon housed therein;

a water inlet and float valve for maintaining the level of water within the cistern after discharge;

a plunger plate disposed within the siphon and linked to an operating handle for raising the plunger plate and thus bringing up the water level within the siphon to initiate siphonic action, characterised in that the wall of the siphon above the plunger plate has an air vent and the plunger plate has a stopper aligned with the vent, whereby as long as the plunger plate is held in the raised position, the stopper closes the vent to obtain full discharge of water, but when once the plunger plate is immediately released in the raised position and the level of the water recedes below the vent, air entering the siphon through the vent disrupts the siphonic action to stop further discharge of water.



Compl. specn. 5 pages Drg. 1 sheet

Int. Cl.[4] : G 11 B 20/24 164384

NOISE REDUCTION SYSTEM FOR VIDEO SIGNAL.

Applicant : VICTOR COMPANY OF JAPAN, LTD., OF NO. 12, 3-CHOME, MORIYA-CHO, KANAGAWA-KU, YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN, A JAPANESE COMPANY.

Inventors : (1) TSUNEO UBUKATA, (2) KASUKE TWAFUNE.

Application No. 487/Mas/85 filed June 27, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims

A noise reduction system for video signal comprising :

separating means for separating a signal component which is within a video signal and has a vertical correlation at both the times of a recording and of a reproduction:

subtracting means for subtracting an output signal of said separating means from said video signal and for obtaining a signal component which is within said video signal and has no vertical correlation;

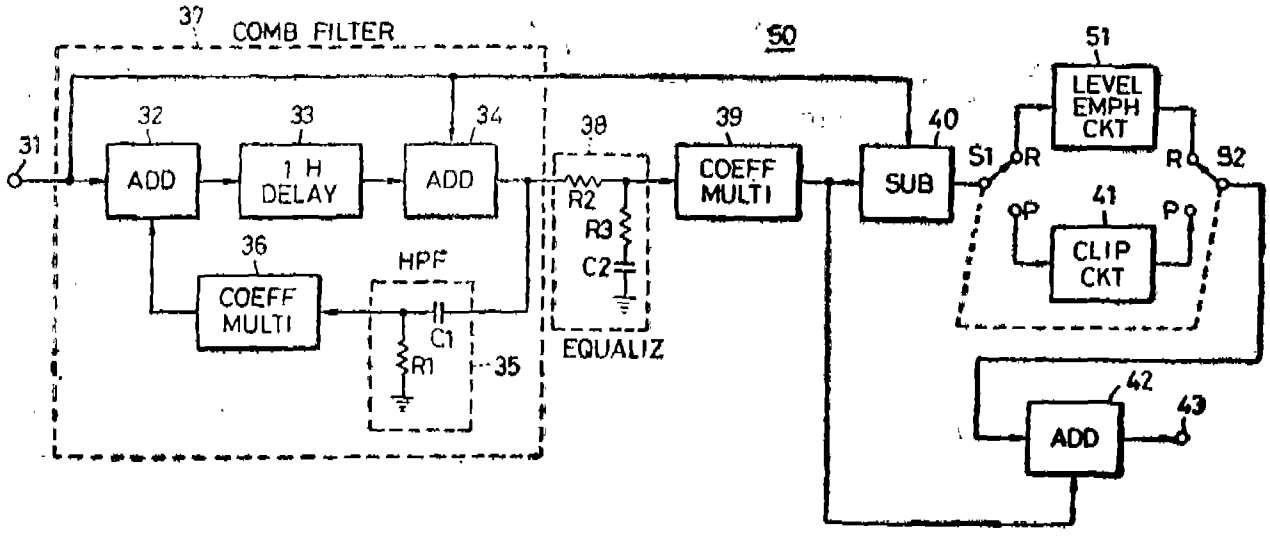
clipping means for passing at the time of the reproduction only a signal component which is within an output signal of said subtracting means and is larger than a clipping level;

level emphasis means for emphasizing at the time of the recording the level of small and medium level components of said video signal which is to be recorded on the recording medium and has no vertical correlation, said level of the small and medium level components being lower than said clipping level;

adding means for adding the output signal of said separating means and an output signal of said level emphasis means at the time of the recording, and for adding the output signal of said separating means and an output signal of said clipping means at the time of the reproduction; and

switching means for selectively supplying the output signal of said subtracting means to said adding means by way of said clipping means at the time of the reproduction and for selectively supplying the output signal of said subtracting means of said adding means by way of said level emphasis circuit at the time of the recording.

Fig. 7



Compl. specn. 25 pages Drg. 5 sheets

Int. Cl.[4] : F 02 B 25/20 164385

AN IMPROVED TWO STROKE SPARK IGNITION ENGINE.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, I.I.T., P.O., MADRAS 600 036, TAMIL NADU, INDIA.

Inventors : 1) BEDDHANNAN NAGALINGAM, 2) ASVATHANARAYANAN RAMESH, AND (3) KADAYAM VENKATRAM GOPALAKRISHNAN.

Application No. 873/Mas/85 filed November 1, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

An improved two stroke spark ignition engine comprising :

a cylinder and piston arrangement provided with a crankcase;

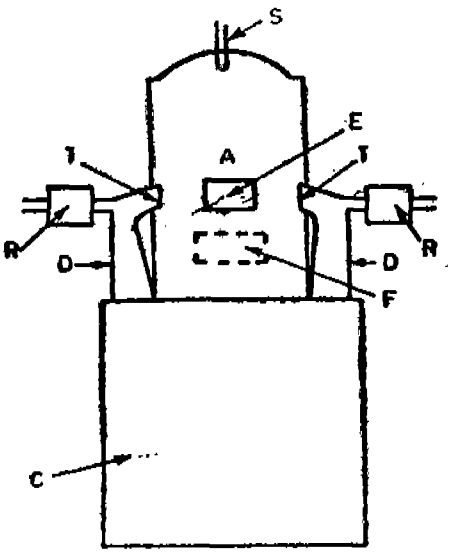
the cylinder having inlet and exhaust ports together with at least one transfer port connected by a transfer-duct to the crankcase and to the cylinder;

characterised in that a reed valve is fitted at an inlet air-opening provided for the transfer-duct;

the reed valve opening only during the upward stroke of the piston, under reduced pressure in the transfer-duct;

to let in atmospheric air into the transfer-duct;

whereby during the downward stroke of the piston, the atmospheric air in the transfer duct precedes the entry of the air-fuel mixture into the cylinder, thus substantially reducing the loss of the said mixture during the scavenging action.



Compl. specn. 6 pages Drg. 1 sheet

Int. Cl.[4] : C 12 N 9/82 164386

A PROCESS FOR PRODUCING L-ASPARAGINASE

Applicant : PUBLIC HEALTH LABORATORY SERVICE BOARD A BRITISH BODY CORPORATE OF 61, COLINDALE AVENUE LONDON NW 19 5EQ ENGLAND.

Inventor : AUTHONY ATKINSON; NIGEL PETER MINTON; HAROLD JOHN GILBERT.

Application No. 639/Mas/86 filed 6 August 1986.

Convention dated 6th August 1985 (No. 8519753; UNITED KINGDOM).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

13 Claims

A process for producing L-asparaginase comprising :

isolating genomic DNA from an L-asparaginase producing host organisms such as Escherichia coli, Erwinia species and Pseudomonas putida, then partially digesting the same with restriction enzymes and transforming by known methods the digested fragments with a recombinant plasmid containing genetic material coding for a protein having L-asparaginase activity and thereafter isolating L-asparaginase from the resulting culture by known methods.

L-asparaginase is used for treating certain types of leukaemia and disseminated cancer.

Compl. specn. 30 pages Drg. 7 sheets

Int. Cl.[4] : C 12 N 15/00 164387

A METHOD FOR PRODUCING A BACULOVIRUS TRANSFER VECTOR, CAPABLE OF BEING UTILIZED AS AN INTERMEDIATE VEHICLE FOR THE GENETIC MANIPULATION OF BACULOVIRUS, D.N.A.

Applicant : THE TEXAS A & M UNIVERSITY SYSTEM, DULY ESTABLISHED ACCORDING TO THE CONSTITUTION OF THE STATE OF TEXAS, HAVING A PRINCIPAL PLACE OF BUSINESS AT COLLEGE STATION, TEXAS 77843, U.S.A.

Inventors : (1) GALE E. SMITH, (2) MAX D. SUMMERS.

Application No. 663/Mas/86 filed August 18, 1986.

Divisional to Patent No. 160416 (376/Mas/84).

Ante-dated to May 24, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims

The method for producing a baculovirus transfer vector, capable of being utilized as an intermediate vehicle for the genetic manipulation of baculovirus D.N.A. comprising :

Cleaving baculovirus D.N.A. with an endonuclease to produce a D.N.A. fragment containing at least a promoter such as herein described inserting said D.N.A. fragment into a cloning vehicle to produce a modified cloning vehicle having at least one available site for cloning a selected gene or portion thereof, said available cloning site being located such that said selected gene or portion thereof will be under the transcriptional control of said promoter upon insertion of said selected gene or portion thereof into said available cloning site, and recovering the resultant transfer vector.

Compl. specn. 53 pages Drg. 6 sheets

Int. Cl.[4] : C 12 N 15/00 164388

METHOD FOR PRODUCING A RECOMBINAT TRANSFER VECTOR.

Applicant : THE TEXAS A & M UNIVERSITY SYSTEM, DULY ESTABLISHED ACCORDING TO THE CONSTITUTION OF THE STATE OF TEXAS, HAVING A PRINCIPAL PLACE OF BUSINESS AT COLLEGE STATION, TEXAS 77843, U.S.A.

Inventors : (1) GALE E. SMITH, (2) MAX D. SUMMERS.

Application No. 664/Mas/86 filed August 18, 1986.

Divisional to Patent No. 160416 (Ante-dated to May 24, 1984).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims

A method for producing a recombinant transfer vector having at least one selected gene or portion thereof such as herein described, introduced into a baculovirus genome, comprising :

(a) cleaving baculovirus D.N.A. with an endonuclease to produce a D.N.A. fragment comprising a baculovirus gene or portion thereof;

(b) inserting said D.N.A. fragment into a cloning vehicle so as to produce a baculovirus gene transfer vector;

(c) inserting at least one selected gene or portion thereof into said baculovirus gene transfer vector such that said gene or portion thereof is under the transcriptional control of said baculovirus promoter or its own promoter; and

(d) separating in a known way the recombinant transfer vector from said mixture.

Compl. specn. 51 pages Drg. 6 sheets

Int. Cl.[4] : C 07 D 307/78; 311/04 164389

PROCESS FOR THE PREPARATION OF DIHYDRO-BENZOFURANAND CHROMAN-CARBOXAMIDE DERIVATIVES.

Applicant : LABORATORIES DELAGRANGE, OF 1 AVENUE PIERRE-BROSSOLETTE 91380 CHILLY-MAZARIN, FRANCE. A FRENCH COMPANY.

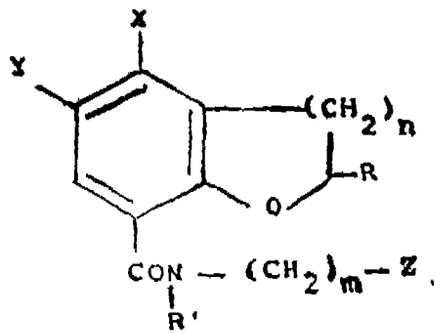
Inventors : (1) JACQUELINE FRANCESCHINI, (2) JOSETTE MARCARIT.

Application No. 43/Mas/87 filed January 21, 1987.

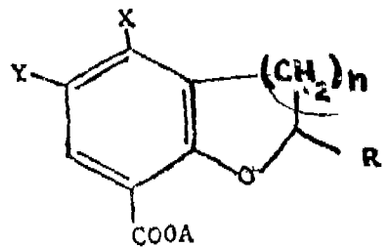
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims

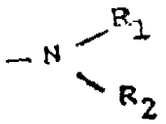
Process for the preparation of dihydrobenzofuranand chroman-carboxamide derivatives of formula (I) of the accompanying drawings,



wherein R and R' represent independently of each other hydrogen atoms or methyl groups,



n is equal to 1 or 2
m is equal to 1 or 2,
Z is a group of formula VI wherein



R_1 and R_2 represent lower alkyl groups,

or a group of formula VII

wherein R_3 represents an alkyl, alkenyl, cycloalkyl-alkyl or cycloalkenylalkyl group,

X is a hydrogen atom, an amino, methoxy or methyl group, Y is a hydrogen or chlorine atom, a cyclo-alkyl-methyl sulfonyl, alkylsulfamoyl or alkylsulfonyl group, with the following provisos :

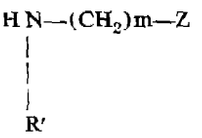
(1) when Z is a group of formula VI or a group of formula VII

wherein R_3 is an alkyl or alkenyl group and Y is an alkylsulfamoyl or alkylsulfonyl group, then X cannot be a hydrogen atom or an amino group

(2) when Z is a group of formula VII wherein

R_3 is an alkyl group and n is equal to 1, then Y cannot be a hydrogen or chlorine atom, and their pharmacologically acceptable acid addition salts and optical isomers, which consists in treating a compound of formula (II) of the accompanying drawings

wherein A is a hydrogen or chlorine atom and R, X, Y and n are defined as above, with an amine of formula (III) :



wherein m, R' and Z are defined as above, in presence of a solvent such as chloroform, acetone, methylethylcetone or dimethylformamide, and optionally in presence of an alkyl haloformate, at a temperature between 10°C and ambient temperature.

The compounds of the invention possess typical pharmacological properties of neuroleptics, some of the compounds being very powerful in this respect.

Compl. specn. 57 pages Drg. 1 sheet

Int. Cl.[4] : A 61 L 9/01 164390

A PROCESS FOR PREPARING A DEODORISING COMPOSITION.

Applicants & Inventors : COLIN JAMES ANDERTON AND GAIL FRANCES ANDERTON, BOTH AUSTRALIAN CITIZENS, OF 35, DREYER WAY, BULLCREEK, IN THE STATE OF WESTERN AUSTRALIA, COMMONWEALTH OF AUSTRALIA.

Application No. 52/Mas/87 filed January 27, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims

A process for preparing a deodorising composition comprising admixing 10 o 90% lims, 10 to 90% charcoal and 1 to 500 mls of eucalyptus oil.

Compl. specn. 10 pages No Drg.

R. A. ACHARYA
Controller General of Patents, Designs and Trade Marks

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